



ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA-R05-OAR-2011-0888; EPA-R05-OAR-2011-0969;
EPA-R05-OAR-2012-0991; EPA-R05-OAR-2013-0435; FRL-9914-21-Region
5]

**Approval and Promulgation of Air Quality Implementation Plans;
Ohio; Infrastructure SIP Requirements for the 2008 Lead, 2008
Ozone, 2010 NO₂, and 2010 SO₂ NAAQS**

AGENCY: Environmental Protection Agency (EPA).

ACTION: Proposed rule.

SUMMARY: The Environmental Protection Agency (EPA) is proposing to approve elements of state implementation plan (SIP) submissions from Ohio regarding the infrastructure requirements of section 110 of the Clean Air Act (CAA) for the 2008 lead (Pb), 2008 ozone, 2010 nitrogen dioxide (NO₂), and 2010 sulfur dioxide (SO₂) National Ambient Air Quality Standards (NAAQS). The infrastructure requirements are designed to ensure that the structural components of each state's air quality management program are adequate to meet the state's responsibilities under the CAA.

DATES: Comments must be received on or before [INSERT DATE 30 DAYS AFTER PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Submit your comments, identified by Docket ID No. EPA-R05-OAR-2011-0888 (2008 Pb infrastructure elements), EPA-R05-OAR-2011-0969 (2008 ozone infrastructure elements), EPA-R05-OAR-2012-0991 (2010 NO₂ infrastructure elements), or EPA-R05-OAR-2013-0435 (2010 SO₂ infrastructure elements) by one of the following methods:

1. www.regulations.gov: Follow the on-line instructions for submitting comments.
2. E-mail: aburano.douglas@epa.gov.
3. Fax: (312) 408-2279.
4. Mail: Douglas Aburano, Chief, Attainment Planning and Maintenance Section, Air Programs Branch (AR-18J), U.S. Environmental Protection Agency, 77 West Jackson Boulevard, Chicago, Illinois 60604.
5. Hand Delivery: Douglas Aburano, Chief, Attainment Planning and Maintenance Section, Air Programs Branch (AR-18J), U.S. Environmental Protection Agency, 77 West Jackson Boulevard, Chicago, Illinois 60604. Such deliveries are only accepted during the Regional Office normal hours of operation, and special arrangements should be made for deliveries of boxed information. The Regional Office official hours of business are Monday through Friday, 8:30 a.m. to 4:30 p.m., excluding Federal holidays.

Instructions: Direct your comments to Docket ID. EPA-R05-OAR-2011-0888 (2008 Pb infrastructure elements), EPA-R05-OAR-2011-0969 (2008 ozone infrastructure elements), EPA-R05-OAR-2012-0991 (2010 NO₂ infrastructure elements), or EPA-R05-OAR-2013-0435 (2010 SO₂ infrastructure elements). EPA's policy is that all comments received will be included in the public docket without change and may be made available online at www.regulations.gov, including any personal information provided, unless the comment includes information claimed to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Do not submit information that you consider to be CBI or otherwise protected through www.regulations.gov or e-mail. The www.regulations.gov website is an "anonymous access" system, which means EPA will not know your identity or contact information unless you provide it in the body of your comment. If you send an e-mail comment directly to EPA without going through www.regulations.gov your e-mail address will be automatically captured and included as part of the comment that is placed in the public docket and made available on the Internet. If you submit an electronic comment, EPA recommends that you include your name and other contact information in the body of your comment and with any disk or CD-ROM you submit. If EPA cannot read your comment due to technical difficulties and cannot contact you for clarification,

EPA may not be able to consider your comment. Electronic files should avoid the use of special characters, any form of encryption, and be free of any defects or viruses.

Docket: All documents in the docket are listed in the www.regulations.gov index. Although listed in the index, some information is not publicly available, e.g., CBI or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, will be publicly available only in hard copy. Publicly available docket materials are available either electronically in www.regulations.gov or in hard copy at the U.S. Environmental Protection Agency, Region 5, Air and Radiation Division, 77 West Jackson Boulevard, Chicago, Illinois 60604. This facility is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding Federal holidays. We recommend that you telephone Andy Chang, Environmental Engineer, at (312) 886-0258 before visiting the Region 5 office.

FOR FURTHER INFORMATION CONTACT: Andy Chang, Environmental Engineer, Attainment Planning and Maintenance Section, Air Programs Branch (AR-18J), U.S. Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, Chicago, Illinois 60604, (312) 886-0258, chang.andy@epa.gov.

SUPPLEMENTARY INFORMATION: Throughout this document whenever "we," "us," or "our" is used, we mean EPA. This supplementary information section is arranged as follows:

I. What should I consider as I prepare my comments for EPA?

II. What is the background of these SIP submissions?

A. What state SIP submissions does this rulemaking address?

B. Why did the state make these SIP submissions?

C. What is the scope of this rulemaking?

III. What guidance is EPA using to evaluate these SIP submissions?

IV. What is the result of EPA's review of these SIP submissions?

A. Section 110(a)(2)(A) - Emission Limits and Other Control Measures

B. Section 110(a)(2)(B) - Ambient Air Quality Monitoring/Data System

C. Section 110(a)(2)(C) - Program for Enforcement Of Control Measures; PSD

D. Section 110(a)(2)(D) - Interstate Transport

E. Section 110(a)(2)(E) - Adequate Resources

F. Section 110(a)(2)(F) - Stationary Source Monitoring System

G. Section 110(a)(2)(G) - Emergency Powers

H. Section 110(a)(2)(H) - Future SIP Revisions

I. Section 110(a)(2)(I) - Nonattainment Area Plan Or Plan Revisions under Part D

J. Section 110(a)(2)(J) - Consultation with Government Officials; Public Notifications; PSD; Visibility Protection

K. Section 110(a)(2)(K) - Air Quality Modeling/Data

L. Section 110(a)(2)(L) - Permitting Fees

M. Section 110(a)(2)(M) - Consultation/Participation by Affected Local Entities

V. What action is EPA taking?

VI. Statutory and Executive Order Reviews

I. What should I consider as I prepare my comments for EPA?

When submitting comments, remember to:

1. Identify the rulemaking by docket number and other identifying information (subject heading, Federal Register date, and page number).
2. Follow directions - EPA may ask you to respond to specific questions or organize comments by referencing a Code of Federal Regulations (CFR) part or section number.
3. Explain why you agree or disagree; suggest alternatives and substitute language for your requested changes.
4. Describe any assumptions and provide any technical information and/or data that you used.

5. If you estimate potential costs or burdens, explain how you arrived at your estimate in sufficient detail to allow for it to be reproduced.
6. Provide specific examples to illustrate your concerns, and suggest alternatives.
7. Explain your views as clearly as possible, avoiding the use of profanity or personal threats.
8. Make sure to submit your comments by the comment period deadline identified.

II. What is the background of these SIP submissions?

A. What state SIP submissions does this rulemaking address?

This rulemaking addresses submissions from the Ohio Environmental Protection Agency (Ohio EPA). The state submitted its infrastructure SIP for each NAAQS on the following dates: 2008 Pb - October 12, 2011, and supplemented on June 7, 2013; 2008 ozone - December 27, 2012, and supplemented on June 7, 2013; 2010 NO₂ - February 8, 2013, and supplemented on February 25, 2013, and June 7, 2013; and, 2010 SO₂ - June 7, 2013.

B. Why did the state make these SIP submissions?

Under sections 110(a)(1) and (2) of the CAA, states are required to submit infrastructure SIPs to ensure that their SIPs provide for implementation, maintenance, and enforcement of the NAAQS, including the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS. These submissions must contain any revisions needed for

meeting the applicable SIP requirements of section 110(a)(2), or certifications that their existing SIPs for the NAAQS already meet those requirements.

EPA highlighted this statutory requirement in an October 2, 2007, guidance document entitled "Guidance on SIP Elements Required Under Sections 110(a)(1) and (2) for the 1997 8-hour Ozone and PM_{2.5} National Ambient Air Quality Standards" (2007 Memo). On September 25, 2009, EPA issued an additional guidance document pertaining to the 2006 PM_{2.5}¹ NAAQS entitled "Guidance on SIP Elements Required Under Sections 110(a)(1) and (2) for the 2006 24-Hour Fine Particle (PM_{2.5}) National Ambient Air Quality Standards (NAAQS)" (2009 Memo), followed by the October 14, 2011, "Guidance on infrastructure SIP Elements Required Under Sections 110(a)(1) and (2) for the 2008 Lead (Pb) National Ambient Air Quality Standards (NAAQS)" (2011 Memo). Most recently, EPA issued "Guidance on Infrastructure State Implementation Plan (SIP) Elements under Clean Air Act Sections 110(a)(1) and (2)" on September 13, 2013 (2013 Memo).

The SIP submissions referenced in this rulemaking pertain to the applicable requirements of section 110(a)(1) and (2), and address the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS. To the extent that the prevention of significant deterioration

¹ PM_{2.5} refers to particulate matter of 2.5 microns or less in diameter, oftentimes referred to as "fine" particles.

(PSD) program is comprehensive and non-NAAQS specific, a narrow evaluation of other NAAQS, such as the 1997 8-hour ozone and 2006 PM_{2.5} NAAQS will be included in the appropriate sections.

C. What is the scope of this rulemaking?

EPA is acting upon the SIP submissions from Ohio that address the infrastructure requirements of CAA sections 110(a)(1) and 110(a)(2) for the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS. The requirement for states to make a SIP submission of this type arises out of CAA section 110(a)(1). Pursuant to section 110(a)(1), states must make SIP submissions "within 3 years (or such shorter period as the Administrator may prescribe) after the promulgation of a national primary ambient air quality standard (or any revision thereof)," and these SIP submissions are to provide for the "implementation, maintenance, and enforcement" of such NAAQS. The statute directly imposes on states the duty to make these SIP submissions, and the requirement to make the submissions is not conditioned upon EPA's taking any action other than promulgating a new or revised NAAQS. Section 110(a)(2) includes a list of specific elements that "[e]ach such plan" submission must address.

EPA has historically referred to these SIP submissions made for the purpose of satisfying the requirements of CAA sections 110(a)(1) and 110(a)(2) as "infrastructure SIP" submissions. Although the term "infrastructure SIP" does not appear in the

CAA, EPA uses the term to distinguish this particular type of SIP submission from submissions that are intended to satisfy other SIP requirements under the CAA, such as "nonattainment SIP" or "attainment plan SIP" submissions to address the nonattainment planning requirements of part D of title I of the CAA, "regional haze SIP" submissions required by EPA rule to address the visibility protection requirements of CAA section 169A, and nonattainment new source review (NNSR) permit program submissions to address the permit requirements of CAA, title I, part D.

This rulemaking will not cover three substantive areas that are not integral to acting on a state's infrastructure SIP submission: (i) existing provisions related to excess emissions during periods of start-up, shutdown, or malfunction at sources, that may be contrary to the CAA and EPA's policies addressing such excess emissions ("SSM"); (ii) existing provisions related to "director's variance" or "director's discretion" that purport to permit revisions to SIP approved emissions limits with limited public process or without requiring further approval by EPA, that may be contrary to the CAA (collectively referenced as "director's discretion"); and, (iii) existing provisions for PSD programs that may be inconsistent with current requirements of EPA's "Final NSR Improvement Rule," 67 FR 80186 (December 31, 2002), as amended by 72 FR 32526 (June 13, 2007) ("NSR Reform").

Instead, EPA has the authority to address each one of these substantive areas in separate rulemaking. A detailed history, interpretation, and rationale related to infrastructure SIP requirements can be found in EPA's May 13, 2014, proposed rule entitled, "Infrastructure SIP Requirements for the 2008 Lead NAAQS" in the section, "What is the scope of this rulemaking?" (see 79 FR 27241 at 27242 - 27245).

III. What guidance is EPA using to evaluate these SIP submissions?

EPA's guidance for these infrastructure SIP submissions is embodied in the 2007 Memo. Specifically, attachment A of the 2007 Memo (Required Section 110 SIP Elements) identifies the statutory elements that states need to submit in order to satisfy the requirements for an infrastructure SIP submission. The 2009 Memo was issued to provide additional guidance for certain elements to meet the requirements of section 110(a)(1) and (2) of the CAA, and the 2011 Memo provides guidance specific to the 2008 Pb NAAQS. Lastly, the 2013 Memo identifies and further clarifies aspects of infrastructure SIPs that are not NAAQS specific.

IV. What is the result of EPA's review of these SIP submissions?

As noted in the 2011 Memo and reiterated in the 2013 Memo, pursuant to section 110(a), states must provide reasonable

notice and opportunity for public hearing for all infrastructure SIP submissions. Ohio EPA provided the opportunity for public comment for each NAAQS that ended on the following dates: 2008 Pb - October 11, 2011; 2008 ozone - December 21, 2012; 2010 NO₂ - February 19, 2013; and, 2010 SO₂ - June 5, 2013. The state did not receive any comments during the comment periods.

EPA is also soliciting comment on our evaluation of the state's infrastructure SIP submissions in this notice of proposed rulemaking. Ohio provided detailed synopses of how various components of its SIP meet each of the requirements in section 110(a)(2) for the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS, as applicable. The following review evaluates the state's submissions.

A. Section 110(a)(2)(A) - Emission limits and Other Control Measures

This section requires SIPs to include enforceable emission limits and other control measures, means or techniques, schedules for compliance, and other related matters. However, EPA has long interpreted emission limits and control measures for attaining the standards as being due when nonattainment planning requirements are due.² In the context of an infrastructure SIP, EPA is not evaluating the existing SIP

² See, e.g., EPA's 73 FR 66964 at 67034, final rule on "National Ambient Air Quality Standards for Lead."

provisions for this purpose. Instead, EPA is only evaluating whether the state's SIP has basic structural provisions for the implementation of the NAAQS.

Ohio Revised Code (ORC) 3704.03 provides the Director of Ohio EPA with the authority to develop rules and regulations necessary to meet state and Federal ambient air quality standards. Ohio also has SIP approved provisions for specific pollutants. For example, Ohio Administrative Code (OAC) 3745-71 regulates provides for the direct regulation of Pb emissions, and OAC 3745-18 provides for the direct regulation of SO₂ emissions. EPA proposes that Ohio has met the infrastructure SIP requirements of section 110(a)(2)(A) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

As previously noted, EPA is not proposing at this time to approve or disapprove any existing state provisions or rules related to SSM or director's discretion in the context of section 110(a)(2)(A).

B. Section 110(a)(2)(B) - Ambient Air Quality

Monitoring/Data System

This section requires SIPs to include provisions to provide for establishing and operating ambient air quality monitors, collecting and analyzing ambient air quality data, and making these data available to EPA upon request. This review of the annual monitoring plan includes EPA's determination that the

state: (i) monitors air quality at appropriate locations throughout the state using EPA-approved Federal Reference Methods or Federal Equivalent Method monitors; (ii) submits data to EPA's Air Quality System (AQS) in a timely manner; and, (iii) provides EPA Regional Offices with prior notification of any planned changes to monitoring sites or the network plan.

Ohio EPA continues to operate a monitoring network, and EPA approved the state's 2014 Annual Air Monitoring Network Plan for Pb, ozone, NO₂, and SO₂ on October 30, 2013. Furthermore, Ohio EPA populates AQS with air quality monitoring data in a timely manner, and provides EPA with prior notification when considering a change to its monitoring network or plan. EPA proposes that Ohio has met the infrastructure SIP requirements of section 110(a)(2)(B) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

C. Section 110(a)(2)(C) - Program for Enforcement of Control Measures; PSD

States are required to include a program providing for enforcement of all SIP measures and the regulation of construction of new or modified stationary sources to meet NSR requirements under PSD and NNSR programs. Part C of the CAA (sections 160 - 169B) addresses PSD, while part D of the CAA (sections 171 - 193) addresses NNSR requirements.

The evaluation of each state's submission addressing the infrastructure SIP requirements of section 110(a)(2)(C) covers:

- (i) enforcement of SIP measures; (ii) PSD program for the 2008 Pb NAAQS; (iii) PSD provisions that explicitly identify oxides of nitrogen (NOx) as a precursor to ozone in the PSD program; (iv) identification of precursors to PM_{2.5} and the identification of PM_{2.5} and PM₁₀³ condensables in the PSD program; (v) PM_{2.5} increments in the PSD program; and, (vi) greenhouse gas (GHG) permitting and the "Tailoring Rule."⁴

In this rulemaking, we are evaluating Ohio EPA's submissions with respect to the enforcement of SIP measures. However, we are not taking action on the state's satisfaction of the various PSD and GHG permitting requirements. Instead, EPA will evaluate Ohio's compliance with each of these requirements in a separate rulemaking.

Ohio EPA staffs and implements an enforcement program. ORC 3704.03 provides the Director of Ohio EPA with the authority to

³ PM₁₀ refers to particles with diameters between 2.5 and 10 microns, oftentimes referred to as "coarse" particles.

⁴ In EPA's April 28, 2011, proposed rulemaking for infrastructure SIPs for the 1997 ozone and PM_{2.5} NAAQS, we stated that each state's PSD program must meet applicable requirements for evaluation of all regulated NSR pollutants in PSD permits (see 76 FR 23757 at 23760). This view was reiterated in EPA's August 2, 2012, proposed rulemaking for infrastructure SIPs for the 2006 PM_{2.5} NAAQS (see 77 FR 45992 at 45998). In other words, if a state lacks provisions needed to adequately address Pb, NOx as a precursor to ozone, PM_{2.5} precursors, PM_{2.5} and PM₁₀ condensables, PM_{2.5} increments, or the Federal GHG permitting thresholds, the provisions of section 110(a)(2)(C) requiring a suitable PSD permitting program must be considered not to be met irrespective of the NAAQS that triggered the requirement to submit an infrastructure SIP, including the 2008 Pb NAAQS.

implement the enforcement program as well as NSR provisions within OAC 3745-31. Ohio EPA compiles all air pollution control enforcement settlements in the state, and makes them available for public review on its website. EPA proposes that Ohio has met the enforcement of SIP measures requirements of section 110(a)(2)(C) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

For the purposes of the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS infrastructure SIPs, EPA reiterates that NSR reform regulations are not in the scope of these actions. Therefore, we are not taking action on existing NSR reform regulations for Ohio. To address the pre-construction regulation of the modification and construction of minor stationary sources and minor modifications of major stationary sources, an infrastructure SIP submission should identify the existing EPA-approved SIP provisions and/or include new provisions that govern the minor source pre-construction program that regulates emissions of the relevant NAAQS pollutants. EPA approved Ohio's minor NSR program on January 22, 2003 (68 FR 2909). Since this date, Ohio EPA and EPA have relied on the existing minor NSR program to ensure that new and modified sources not captured by the major NSR permitting programs do not interfere with attainment and maintenance of the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

Certain sub-elements in this section overlap with elements of section 110(a)(2)(D)(i) and section 110(a)(2)(J). These links will be discussed in the appropriate areas below.

D. Section 110(a)(2)(D) - Interstate Transport

Section 110(a)(2)(D)(i)(I) requires SIPs to include provisions prohibiting any source or other type of emissions activity in one state from contributing significantly to nonattainment, or interfering with maintenance, of the NAAQS in another state.

With respect to the 2008 Pb NAAQS, the 2011 Memo notes that the physical properties of Pb prevent it from experiencing the same travel or formation phenomena as PM_{2.5} or ozone. Specifically, there is a sharp decrease in Pb concentrations as the distance from a Pb source increases. Accordingly, it may be possible for a source in a state to emit Pb at a location and in such quantities that contribute significantly to nonattainment in, or interference with maintenance by, any other state. However, EPA anticipates that this would be a rare situation, e.g., sources emitting large quantities of Pb are in close proximity to state boundaries. The 2011 Memo suggests that the applicable interstate transport requirements of section 110(a)(2)(D)(i)(I) can be met through a state's assessment as to whether or not emissions from Pb sources located in close

proximity to its borders have emissions that impact a neighboring state such that they contribute significantly to nonattainment or interfere with maintenance in that state. One way that a state's conclusion could be supported is by the technical support documents used for initial area designations for Pb.

Ohio's infrastructure SIP submission for the 2008 Pb NAAQS notes that there are three areas designated as nonattainment for the 2008 Pb NAAQS located in portions of Cuyahoga County, Fulton County, and Logan County (see 75 FR 71033). None of these areas are located in close proximity to any of Ohio's border, and Ohio EPA provided a map of Pb-emitting sources in the state showing that sources emitting 0.5 tpy or above are not in close proximity to any state borders. EPA's final technical support documents for the nonattainment areas located in Ohio support the conclusion that the ambient concentration of Pb are not expected to exceed the NAAQS outside of the nonattainment boundaries. Furthermore, EPA does not believe that the elevated levels of ambient Pb concentrations in Cuyahoga County, Fulton County, or Logan County (or emissions from any other county) would cause or contribute to a violation of the 2008 Pb NAAQS in a neighboring state or create a situation in a neighboring state where maintenance of the 2008 Pb NAAQS was not possible. Therefore, EPA proposes that Ohio has met this set of

requirements related to section 110(a)(2)(D)(i)(I) for the 2008 Pb NAAQS.

On February 17, 2012, EPA promulgated designations for the 2010 NO₂ NAAQS, stating, "The EPA is designating areas as "unclassifiable/attainment" to mean that available information does not indicate that the air quality in these areas exceeds the 2010 NO₂ NAAQS" (see 77 FR 9532). For comparison purposes, EPA examined the design values⁵ from NO₂ monitors in Ohio and surrounding states. The highest design value based on data collected between 2010 and 2012 was 65 ppb at a monitor in Philadelphia, Pennsylvania. EPA believes that with the continued implementation of the state's SIP-approved PSD and NNSR regulations found in OAC 3745-31, these low monitored values of NO₂ will continue in and around Ohio. In other words, the NO₂ emissions from Ohio are not expected to cause or contribute to a violation of the 2010 NO₂ NAAQS in another state, and these emissions not likely to interfere with the maintenance of the 2010 NO₂ NAAQS in another state. Therefore, EPA proposes that Ohio has met this set of requirements related to section 110(a)(2)(D)(i)(I) for the 2010 NO₂ NAAQS.

In this rulemaking, EPA is not proposing to approve or disapprove Ohio's compliance with section 110(a)(2)(D)(i)(I)

⁵ The level of the 2010 NO₂ NAAQS for is 100 parts per billion (ppb) and the form is the 3-year average of the annual 98th percentile of the daily 1-hour maximum. For the most recent design values, see <http://www.epa.gov/airtrends/values.html>.

with respect to the 2008 ozone and 2010 SO₂ NAAQS. Instead, we will address the state's satisfaction of these requirements with respect to these two NAAQS in a separate rulemaking.

Section 110(a)(2)(D)(i)(II) requires SIPs to include provisions prohibiting any source or other type of emissions activity in one state from interfering with measures required to prevent significant deterioration of air quality or to protect visibility in another state. As previously noted, EPA will evaluate Ohio's compliance with the various PSD and GHG infrastructure SIP requirements in a separate rulemaking.

States also have an obligation to ensure that sources located in nonattainment areas do not interfere with a neighboring state's PSD program. One way that this requirement can be satisfied is through an NNSR program consistent with the CAA that addresses any pollutants for which there is a designated nonattainment area within the state.

Ohio's EPA-approved NNSR regulations can be found in OAC 3745-31-21; these regulations contain provisions for how the state must treat and control sources in nonattainment areas, consistent with 40 CFR 51.165, or appendix S to 40 CFR 51. In this rulemaking, EPA is taking no action on this set of requirements under section 110(a)(2)(D)(i)(II). Instead, we will address Ohio's satisfaction of these provisions in a separate rulemaking.

With regard to the applicable requirements for visibility protection of section 110(a)(2)(D)(i)(II), states are subject to visibility and regional haze program requirements under part C of the CAA (which includes sections 169A and 169B). The 2009 Memo, the 2011 Memo, and 2013 Memo state that these requirements can be satisfied by an approved SIP addressing reasonably attributable visibility impairment, if required, or an approved SIP addressing regional haze.

Alternatively, the 2011 Memo states that most, if not all, Pb stationary sources are located at distances from Class I areas such that visibility impacts would be negligible. Although Pb can be a component of coarse and fine particles, it generally comprises a small fraction. When EPA evaluated the extent that Pb could impact visibility, Pb-related visibility impacts were found to be insignificant (e.g., less than 0.10%). Therefore, EPA anticipates that Pb emissions will contribute only negligibly to visibility impairment at Class I areas, and states can include an assessment as to this assumption in their submissions. The closest Class I area (Otter Creek Wilderness, West Virginia) is located approximately 150 miles from the Ohio-West Virginia border, and EPA anticipates that this area (or any other Class I area) would experience less than 0.10% of adverse visibility impact from any Pb-emitting source in Ohio. As previously noted, EPA's final technical support documents for

the nonattainment areas located in Ohio support the conclusion that the ambient concentration of Pb are not expected to exceed the NAAQS outside of the nonattainment boundaries. EPA proposes that Ohio has met this set of infrastructure SIP requirements of 110(a)(2)(D)(i)(II) for the 2008 Pb NAAQS.

In this rulemaking, EPA is not proposing to approve or disapprove Ohio's satisfaction of the visibility protection requirements of section 110(a)(2)(D)(i)(II) for the 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS. Instead, EPA will evaluate Ohio's compliance with these requirements in a separate rulemaking.

Section 110(a)(2)(D)(ii) requires each SIP to contain adequate provisions requiring compliance with the applicable requirements of section 126 and section 115 (relating to interstate and international pollution abatement, respectively).

Section 126(a) requires new or modified sources to notify neighboring states of potential impacts from the source. The statute does not specify the method by which the source should provide the notification. States with SIP-approved PSD programs must have a provision requiring such notification by new or modified sources. A lack of such a requirement in state rules would be grounds for disapproval of this element.

Ohio has provisions in its EPA-approved PSD program that require new or modified sources to notify neighboring states of potential negative air quality impacts. The state's submissions

reference these provisions as being adequate to meet the requirements of section 126(a). EPA proposes that Ohio has met the infrastructure SIP requirements of section 126(a) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS. Ohio has no obligations under any other section of section 126.

The infrastructure SIP submissions from Ohio affirm that it does not have pending obligations under section 115. Therefore, EPA is proposing that Ohio has the applicable infrastructure SIP requirements of section 110(a)(2)(D)(ii) related to section 115 of the CAA (international pollution abatement) for the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

E. Section 110(a)(2)(E) - Adequate Resources

This section requires each state to provide for adequate personnel, funding, and legal authority under state law to carry out its SIP, and related issues. Section 110(a)(2)(E)(ii) also requires each state to comply with the requirements respecting state boards under section 128.

Sub-element 1: Adequate personnel, funding, and legal authority under state law to carry out its SIP, and related issues. At the time of each of its submissions, Ohio EPA included its most recent biennial budget with its submittal, which details the funding sources and program priorities addressing the required SIP programs. Ohio EPA has routinely demonstrated that it retains adequate

personnel to administer its air quality management program, and Ohio's environmental performance partnership agreement with EPA documents certain funding and personnel levels at Ohio EPA. As discussed in previous sections, ORC 3704.03 provides the legal authority under state law to carry out the SIP. EPA proposes that Ohio has met the infrastructure SIP requirements of this portion of section 110(a)(2)(E) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

Sub-element 2: State board requirements under section 128 of the CAA. Section 110(a)(2)(E) also requires each SIP to contain provisions that comply with the state board requirements of section 128 of the CAA. That provision contains two explicit requirements: (i) that any board or body which approves permits or enforcement orders under this chapter shall have at least a majority of members who represent the public interest and do not derive any significant portion of their income from persons subject to permits and enforcement orders under this chapter, and (ii) that any potential conflicts of interest by members of such board or body or the head of an executive agency with similar powers be adequately disclosed.

On June 7, 2013, Ohio EPA provided a supplemental submission to its 2008 Pb, 2008 ozone, and 2010 NO₂ as part of

its infrastructure SIP submission for the 2010 SO₂ NAAQS clarifying that the state does not have a board that has the authority to approve enforcement orders or permitting actions as outlined in section 128(a)(1) of the CAA; instead, this authority rests with the Director of Ohio EPA. Therefore, section 128(a)(1) of the CAA is not applicable in Ohio.

Under section 128(a)(2), the head of the executive agency with the power to approve enforcement orders or permits must adequately disclose any potential conflicts of interest. In its June 7, 2013, submission, Ohio EPA notes that EPA has previously approved provisions into Ohio's SIP addressing these requirements (see 46 FR 57490). Notably, ORC 102: Public Officers - Ethics contains provisions that require the Director of Ohio EPA (and his/her delegate) to file an annual statement with the ethics committee including potential conflicts of interest; furthermore, this annual filing is subject to public inspection. Therefore, EPA proposes that Ohio has met the applicable infrastructure SIP requirements for this section of 110(a)(2)(E) for the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

F. Section 110(a)(2)(F) - Stationary Source Monitoring System

States must establish a system to monitor emissions from stationary sources and submit periodic emissions reports. Each

plan shall also require the installation, maintenance, and replacement of equipment, and the implementation of other necessary steps, by owners or operators of stationary sources to monitor emissions from such sources. The state plan shall also require periodic reports on the nature and amounts of emissions and emissions-related data from such sources, and correlation of such reports by each state agency with any emission limitations or standards established pursuant to this chapter. Lastly, the reports shall be available at reasonable times for public inspection.

Ohio EPA district offices and local air agencies are currently required to witness 50% of all source testing and review 100% of all tests. EPA-approved rules in OAC 3745-15 contain provisions for the submission of emissions reports, and OAC 3745-77 and OAC 3745-31 provide requirements for recordkeeping by sources. EPA recognizes that Ohio has routinely submitted quality assured analyses and data for publication, and therefore proposes that Ohio has met the infrastructure SIP requirements of section 110(a)(2)(F) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

G. Section 110(a)(2)(G) - Emergency Powers

This section requires that a plan provide for authority that is analogous to what is provided in section 303 of the CAA, and adequate contingency plans to implement such authority. The

2013 Memo states that infrastructure SIP submissions should specify authority, rested in an appropriate official, to restrain any source from causing or contributing to emissions which present an imminent and substantial endangerment to public health or welfare, or the environment.

The regulations at OAC 3745-25 contain provisions which allow the Director of Ohio EPA to determine the conditions that comprise air pollution alerts, warnings, and emergencies. Moreover, the rules contained in OAC 3745-25 provide the requirement to implement emergency action plans in the event of an air quality alert or higher. EPA proposes that Ohio has met the applicable infrastructure SIP requirements for this portion of section 110(a)(2)(G) with respect to the 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

Specific to Pb as indicated in the 2011 Memo, EPA believes that the central components of a contingency plan for the 2008 Pb NAAQS would be to reduce emissions from the source at issue and to communicate with the public as needed. Where a state believes, based on its inventory of Pb sources and historic monitoring data that it does not need a more specific contingency plan beyond having authority to restrain any source from causing or contributing to an imminent and substantial endangerment, then the state could provide such a detailed rationale in place of a specific contingency plan.

EPA has reviewed historic data at Pb monitoring sites throughout Ohio, and believes that a specific contingency plan beyond having authority to restrain any source from causing or contributing to an imminent and substantial endangerment is not necessary at this time. For example, one way to quantify the possibility of imminent and substantial endangerment in this context would be a daily monitored value for Pb that could by itself cause a violation of the 2008 Pb NAAQS.⁶ EPA has reviewed data from 2011 - 2013 (the most recent three calendar year block of complete data) and observes that no such daily monitored value exists.

As described in the section detailing interstate transport of Pb, EPA does not anticipate other areas in Ohio needing specific contingency measures due to low Pb emissions. In conjunction with OAC 3745-25 as described above, EPA proposes that Ohio has met the applicable infrastructure SIP requirements of section 110(a)(2)(G) related to contingency measures for the 2008 Pb NAAQS.

H. Section 110(a)(2)(H) - Future SIP Revisions

This section requires states to have the authority to revise their SIPs in response to changes in the NAAQS,

⁶ See appendix R to 40 CFR part 50 for data handling conventions and computations necessary for determining when the NAAQS are met.

availability of improved methods for attaining the NAAQS, or to an EPA finding that the SIP is substantially inadequate.

As previously mentioned, ORC 3704.03 provides the Director of Ohio EPA with the authority to develop rules and regulations necessary to meet ambient air quality standards in all areas in the state as expeditiously as practicable, but not later than any deadlines applicable under the CAA. ORC 3704.03 also provides the Director of Ohio EPA with the authority to develop programs for the prevention, and abatement of air pollution. EPA proposes that Ohio has met the infrastructure SIP requirements of section 110(a)(2)(H) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

I. Section 110(a)(2)(I) - Nonattainment Area Plan or Plan Revisions under Part D

The CAA requires that each plan or plan revision for an area designated as a nonattainment area meet the applicable requirements of part D of the CAA. Part D relates to nonattainment areas.

EPA has determined that section 110(a)(2)(I) is not applicable to the infrastructure SIP process. Instead, EPA takes action on part D attainment plans through separate processes.

J. Section 110(a)(2)(J) - Consultation with Government Officials; Public Notifications; PSD; Visibility Protection

The evaluation of the submissions from Ohio with respect to the requirements of section 110(a)(2)(J) are described below.

Sub-element 1: Consultation with government officials.

States must provide a process for consultation with local governments and Federal Land Managers (FLMs) carrying out NAAQS implementation requirements.

Ohio EPA actively participates in the regional planning efforts that include both the state rule developers as well as representatives from the FLMs and other affected stakeholders. The FLMs are also included in Ohio EPA's interested party lists which provide announcements of draft and proposed rule packages. OAC 3745-31-06 is a SIP-approved rule which requires notification and the availability of public participation related to NSR actions; notification is provided to the general public, executives of the city or county where the source is located, other state or local air pollution control agencies, regional land use planning agencies, and FLMs. OAC 3704.03(K) is a SIP-approved rule that which requires giving reasonable public notice and conducting public hearings on any plans for the prevention, control, and abatement of air pollution that the Director of Ohio EPA is required to submit to EPA. Additionally, Ohio is an active member of the Lake Michigan Air Director's Consortium (LADCO). Therefore, EPA proposes that Ohio has met the infrastructure SIP requirements of this portion

of section 110(a)(2)(J) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

Sub-element 2: Public notification. Section 110(a)(2)(J) also requires states to notify the public if NAAQS are exceeded in an area and must enhance public awareness of measures that can be taken to prevent exceedances.

Ohio EPA maintains portions of its web site specifically for issues related to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.⁷ The information contained in these pages includes background on the health effects of each of these pollutants, the areas of most concern, and the strategies that the state has been taking to address the elevated levels, if any, of the pollutants. Ohio EPA also actively populates EPA's AIRNOW program, and prepares annual data reports from its complete monitoring network. EPA proposes that Ohio has met the infrastructure SIP requirements of this portion of section 110(a)(2)(J) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

Sub-element 3: PSD. States must meet applicable requirements of section 110(a)(2)(C) related to PSD.

Ohio's PSD program in the context of infrastructure SIPs has already been discussed in the paragraphs addressing section 110(a)(2)(C) and 110(a)(2)(D)(i)(II). EPA will

⁷ See <http://www.epa.ohio.gov/dapc/sip/sip.aspx>

evaluate Ohio's compliance with the various PSD and GHG infrastructure SIP requirements in a separate rulemaking.

Sub-element 4: Visibility protection. With regard to the applicable requirements for visibility protection, states are subject to visibility and regional haze program requirements under part C of the CAA (which includes sections 169A and 169B). In the event of the establishment of a new NAAQS, however, the visibility and regional haze program requirements under part C do not change. Thus, we find that there is no new visibility obligation "triggered" under section 110(a)(2)(J) when a new NAAQS becomes effective. In other words, the visibility protection requirements of section 110(a)(2)(J) are not germane to infrastructure SIPs for the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

K. Section 110(a)(2)(K) - Air Quality Modeling/Data

SIPs must provide for performing air quality modeling for predicting effects on air quality of emissions from any NAAQS pollutant and submission of such data to EPA upon request.

Ohio EPA reviews the potential impact of major and some minor new sources, consistent with 40 CFR part 51, appendix W, "Guidelines on Air Quality Models," as well as Ohio EPA Engineering Guide 69. These modeling data are available to EPA upon request. The regulatory requirements related to PSD modeling can be found in SIP-approved rule OAC 3745-31-18, and

Ohio's authority to require modeling conducted by other entities, e.g., applicants, and the state's authority to perform modeling for attainment demonstrations can be found in SIP-approved ORC 3704.03. The state also collaborates with LADCO and EPA in order to perform modeling. EPA proposes that Ohio has met the infrastructure SIP requirements of section 110(a)(2)(K) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

L. Section 110(a)(2)(L) - Permitting Fees

This section requires SIPs to mandate each major stationary source to pay permitting fees to cover the cost of reviewing, approving, implementing, and enforcing a permit.

Ohio EPA implements and operates the title V permit program, which EPA approved on August 15, 1995 (60 FR 42045); revisions to the program were approved on November 20, 2003 (68 FR 65401). Additional rules that contain the provisions, requirements, and structures associated with the costs for reviewing, approving, implementing, and enforcing various types of permits can be found in ORC 3745.11. EPA proposes that Ohio has met the infrastructure SIP requirements of section 110(a)(2)(L) for the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

M. Section 110(a)(2)(M) - Consultation/Participation by Affected Local Entities

States must consult with and allow participation from local political subdivisions affected by the SIP.

Ohio EPA follows approved procedures for allowing public participation, consistent with OAC 3745-47, which is part of the approved SIP. Consultation with local governments is authorized through ORC 3704.03(B). Ohio EPA provides a public participation process for all stakeholders that includes a minimum of a 30-day comment period and a public hearing for all SIP related actions. EPA proposes that Ohio has met the infrastructure SIP requirements of section 110(a)(2)(M) with respect to the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS.

V. What action is EPA taking?

EPA is proposing to approve most elements of submissions from Ohio EPA certifying that its current SIP is sufficient to meet the required infrastructure elements under sections 110(a)(1) and (2) for the 2008 Pb, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS. EPA's proposed actions for the state's satisfaction of infrastructure SIP requirements, by element of section 110(a)(2) and NAAQS, are contained in the table below.

Element	2008 Pb	2008 Ozone	2010 NO ₂	2010 SO ₂
(A): Emission limits and other control measures	A	A	A	A
(B): Ambient air quality monitoring and data system	A	A	A	A
(C)1: Enforcement of SIP measures	A	A	A	A
(C)2: PSD program for Pb	NA	NA	NA	NA
(C)3: NOx as a precursor to ozone for PSD	NA	NA	NA	NA

(C)4: PM _{2.5} Precursors / PM _{2.5} and PM ₁₀ condensables for PSD	NA	NA	NA	NA
(C)5: PM _{2.5} Increments	NA	NA	NA	NA
(C)5: GHG permitting thresholds in PSD regulations	NA	NA	NA	NA
(D)1: Contribute to nonattainment/interfere with maintenance of NAAQS	A	NA	A	NA
(D)2: PSD	NA	NA	NA	NA
(D)3: Visibility Protection	A	NA	NA	NA
(D)4: Interstate Pollution Abatement	A	A	A	A
(D)5: International Pollution Abatement	A	A	A	A
(E): Adequate resources	A	A	A	A
(E): State boards	A	A	A	A
(F): Stationary source monitoring system	A	A	A	A
(G): Emergency power	A	A	A	A
(H): Future SIP revisions	A	A	A	A
(I): Nonattainment area plan or plan revisions under part D	NA	NA	NA	NA
(J)1: Consultation with government officials	A	A	A	A
(J)2: Public notification	A	A	A	A
(J)3: PSD	NA	NA	NA	NA
(J)4: Visibility protection	+	+	+	+
(K): Air quality modeling and data	A	A	A	A
(L): Permitting fees	A	A	A	A
(M): Consultation and participation by affected local entities	A	A	A	A

In the above table, the key is as follows:

A	Approve
NA	No Action / Separate Rulemaking
+	Not germane to infrastructure SIPs

VI. Statutory and Executive Order Reviews

Under the CAA, the Administrator is required to approve a SIP submission that complies with the provisions of the CAA and applicable Federal regulations. 42 U.S.C. 7410(k); 40 CFR 52.02(a). Thus, in reviewing SIP submissions, EPA's role is to approve State choices, provided that they meet the criteria of the CAA. Accordingly, this action merely approves State law as

meeting Federal requirements and does not impose additional requirements beyond those imposed by State law. For that reason, this action:

- is not a "significant regulatory action" subject to review by the Office of Management and Budget under Executive Order 12866 (58 FR 51735, October 4, 1993);
- does not impose an information collection burden under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 *et seq.*);
- is certified as not having a significant economic impact on a substantial number of small entities under the Regulatory Flexibility Act (5 U.S.C. 601 *et seq.*);
- does not contain any unfunded mandate or significantly or uniquely affect small governments, as described in the Unfunded Mandates Reform Act of 1995 (Public Law 104-4);
- does not have Federalism implications as specified in Executive Order 13132 (64 FR 43255, August 10, 1999);
- is not an economically significant regulatory action based on health or safety risks subject to Executive Order 13045 (62 FR 19885, April 23, 1997);
- is not a significant regulatory action subject to Executive Order 13211 (66 FR 28355, May 22, 2001);

- is not subject to requirements of Section 12(d) of the National Technology Transfer and Advancement Act of 1995 (15 U.S.C. 272 note) because application of those requirements would be inconsistent with the CAA; and
- does not provide EPA with the discretionary authority to address, as appropriate, disproportionate human health or environmental effects, using practicable and legally permissible methods, under Executive Order 12898 (59 FR 7629, February 16, 1994).

In addition, this rule does not have Tribal implications as specified by Executive Order 13175 (65 FR 67249, November 9, 2000), because the SIP is not approved to apply in Indian country located in the State, and EPA notes that it will not impose substantial direct costs on Tribal governments or preempt Tribal law.

List of Subjects in 40 CFR Part 52

Environmental protection, Air pollution control,
Intergovernmental relations, Lead, Ozone, Nitrogen dioxide,
Sulfur dioxide, Reporting and recordkeeping requirements.

Dated: July 14, 2014.

Susan Hedman,
Regional Administrator, Region 5.

[FR Doc. 2014-17591 Filed 07/24/2014 at 8:45 am; Publication
Date: 07/25/2014]